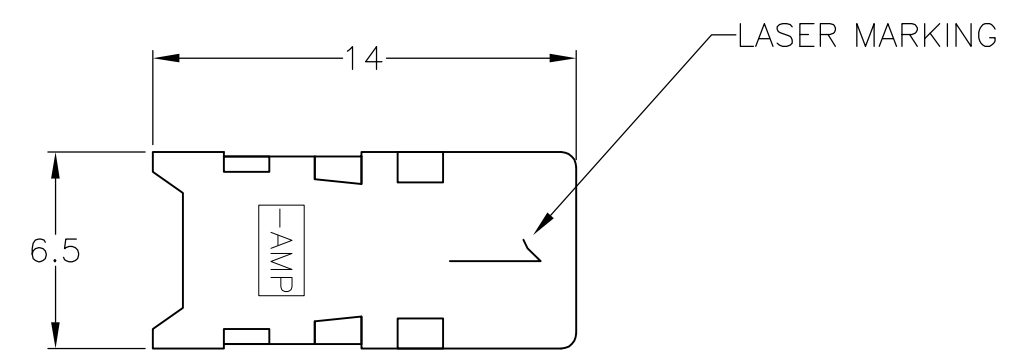


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LOC J	DIST	REVISIONS 変更			DATE	DWN	APVD
		P	LTR	DESCRIPTION			
			A	RELEASED	27APR07	T.K	T.H

1	CATHODE
2	ANODE
△	POLARIZATION



OPTICAL DEVICE PERFORMANCE

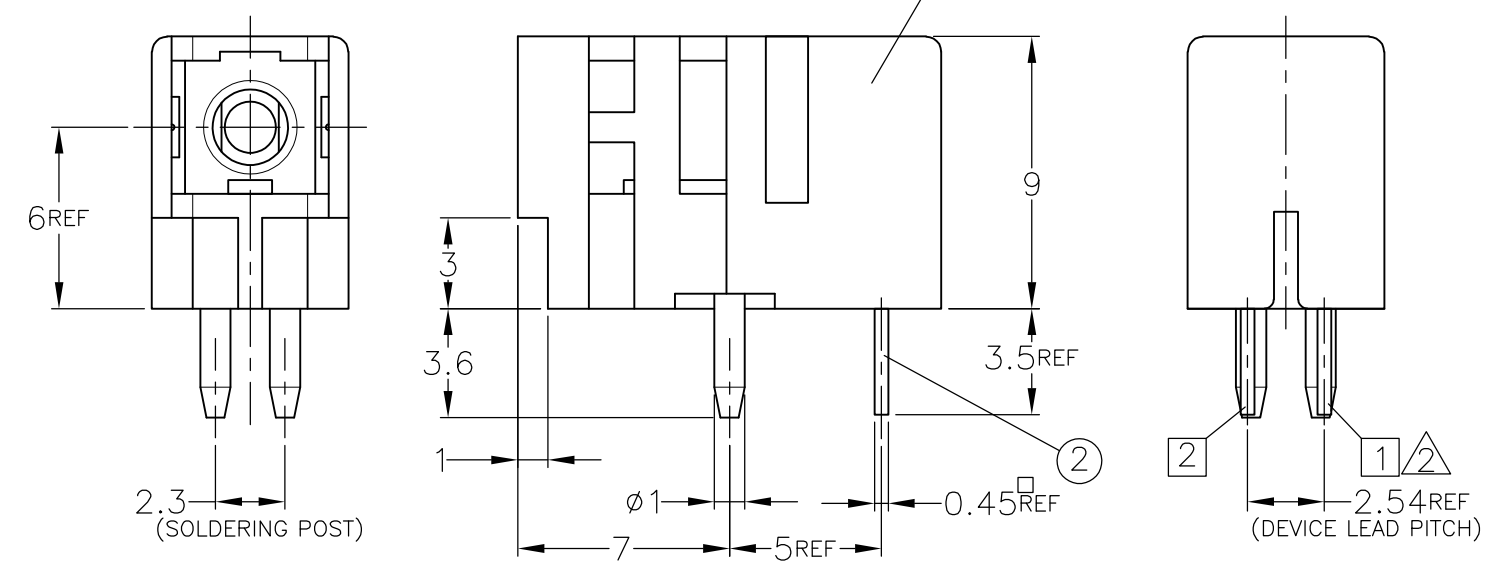
Absolute Maximum Ratings (Ta=25°C)

CHARACTERISTICS	SYMBOL	RATING	UNIT
Forward current (DC)	I _F	40	mA
Reverse voltage	V _R	5	V
Power dissipation	P _{MAX.}	150 *1	mW
Operating temperature	T _{opr}	-10 ~ +70	°C
Storage temperature	T _{stg}	-40 ~ +85	°C
Lead soldering condition	T _{sol}	230°C, 5sec MAX.	

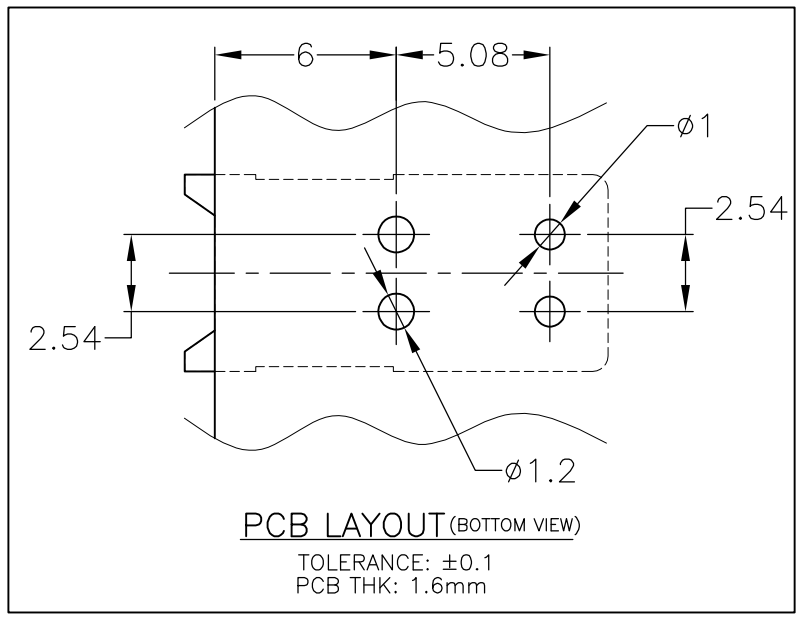
*1 Derate power dissipation at a rate of -2mW/°C above Ta=25°C

Electrical and Optical Characteristics (Ta=25°C)

CHARACTERISTICS	SYMBOL	RATING	MIN.	TYP.	MAX.	UNIT
Fiber coupled output power	P _o	I _F =20mA △3	-12.5	--	--	dBm
Forward voltage	V _F	I _F =20mA	--	1.9	2.3	V
Reverse current	I _R	V _R =5V	--	--	10	μA
Peak emission wavelength	λ _p	I _F =20mA	--	650	--	nm
Spectral half width(FWHM)	Δλ	I _F =20mA	--	20	--	nm



- MATERIAL
ADM MOLD: THERMOPLASTIC UL 94V-0
SOLDERING POST: TIN PLATING
- POLARIZATION: SEE TABLE
- UNUSING FIBER CABLE.
NA=0.5, CORE/CLAD=980/1000μm, LENGTH=1m
- FLUX CREAMING.
USE ALCOHOL FOR CREAMING.
CREAMING TIME: 30sec. MAX.
SOLVENTS TEMPERATURE: 45°C MAX.



1	OPTICAL DEVICE (LED)	②	5174134-1
1	MINI-DNP SIMPLEX ADM HSG	①	
QTY	PART NAME	ITEM	PART No.
COMPONENT PARTS			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T.KIKUTA 27APR2007	Tyco Electronics AMP K.K. Kawasaki, Japan	
DIMENSIONS: 単位: 耗 mm		CHK T.HAYASHI 27APR2007		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD T.HAYASHI 27APR2007	NAME 名称 SIMPLEX ADM ASS'Y (LED) AMP OPTIMATE MINI-DNP CONN.	
0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± 1°		PRODUCT SPEC 製品規格	SIZE A3	
MATERIAL 材料 SEE TABLE		FINISH 仕上	APPLICATION SPEC 取付適用規格	CAGE CODE 00779
		WEIGHT 0.82g	DRAWING NO 番号 G=5174134-1	RESTRICTED TO
CUSTOMER DRAWING		SCALE 尺度 4:1	SHEET 1 OF 1	REV A